

Final Agenda for 3-day Inventory and Monitoring Track to be held in conjunction with 2007 GWS Meeting

Tuesday, April 17, 2007	
8:00 – 9:30	GWS Plenary – Minnesota East Ballroom
10:00 – 12:05 Great River I	The Natural Resource Challenge: The vision, how it turned out, where we go from here. Panel discussion chaired by Gary Davis. Panelists: Mike Soukup, Abby Miller, Cat Hawkins Hoffman, Monika Mayr, Jon Jarvis.
1:30 – 3:35 Great River I	The NPS Inventory and Monitoring Program – Highlights for Managers, Planners, Interpreters, and Visitors. Show and Tell Session Chaired by Beth Johnson and Sara Wesser (Brief overviews of the I&M program by Bert Frost and Steve Fancy, and then 20+ staff from the networks, regions, and national offices will present brief highlights of accomplishments and ‘cool stuff’ developed by the 32 I&M networks).
4:00 – 6:05 Great River I	Highlights from the Chico Hot Springs Workshop on Integrating Science and Park Resource Management (Session chaired by Bruce Bingham) Integration of Science and Management – What does it mean? – Robert Bennetts Principles and tools for communicating monitoring results – Shawn Carter Integrating Science and Resource Management: a Small Park Manager’s Perspective – Ben Bobowski Integrating Science and Park Resource Management: A Large Park Manager’s Perspective – Tom Olliff A “Planner’s Perspective”: Integrating Science and Vital Signs into the Planning Process – Kerri Cahill
Wednesday, April 18, 2007 I&M Program Business Meeting – Everyone involved with the I&M Program is invited	
8:00 – 9:30	GWS Plenary – Minnesota East Ballroom
10:00 – 3:00 Lunch Break Somewhere in here (1 hour)	Extramural Session: Inventory and Monitoring Program (open to all conference participants) – Minnesota East Ballroom Welcome – Review the plan for the day Award Presentations <u>Inventories</u> <ul style="list-style-type: none"> Update on reviews of 12 core inventories; plans for completing core inventories; strategic plan and funding for future inventories – Gary Williams Inventory tracking database and direct access to inventory data sets – Margaret Beer <u>Monitoring</u> <ul style="list-style-type: none"> Transitioning from monitoring design to monitoring implementation; The role of the I&M Networks and their Core Duties; The “logical sequence of steps” explained; Program Requirements on websites, reports – Steve Fancy Update on Climate Project as it relates to protocol development by networks for climate monitoring – John Gross Coordinated vegetation monitoring by 5 eastern networks Case Study – Jim Comiskey (15 min) Water Quality Monitoring highlights (20 min) – Pete Penoyer and Roy Irwin <u>Information Management and Delivery</u> – Margaret Beer and Peter Budde <ul style="list-style-type: none"> IRMA (Integrated Resource Management Applications): development of a streamlined, integrated system Overview of how the NPS Data Store, NatureBib, NPSpecies, ArcIMS, and other applications all fit into the big picture Highlights of the February 2007 Data Manager’s conference

	Open Discussion - Question/Answer Session
3:00 pm	<p>Concurrent breakouts by high-priority topics of interest to ecologists, data managers, managers:</p> <ol style="list-style-type: none"> 1. Assessment Points As A Tool For Using Monitoring Data To Support Management -- Rob Bennetts (Series of very short presentations followed by panel discussion including (Bruce Bingham, Andy Hubbard, Cheryl McIntyre, and Kerrie Cahill with a guest appearance by Shawn Carter) Minnesota East Ballroom 2. Landscape Dynamics (Land cover and land use, remote sensing) – John Gross Governors II Room 3. Science Communication Approaches – Marcus Koenen and Mike DeBacker Governors III Room <ul style="list-style-type: none"> • Introduction – Mike DeBacker (HTLN) (10 min) • Introduction to science communication – Sara Melena (NRPC) (20-30 min) • Panel Case Studies – Shawn Carter (NCR), Marcus Koenen, (SFAN), Sherry Middlemis-Brown (HTLN), Theresa Moore (NETN), Cory Nash (PACN), Dan Sarr (KLMN), (60 min) • Discussion – Q&A (30 min) 4. Sampling Design (sampling in space and time; how to select sites) – Steve Garman Governors IV Room (Order in which presentations will be given in this sampling design session is still being determined) <ul style="list-style-type: none"> • Paul Geissler (USGS) - Sampling Overview • Mark Huff (NCCN Coordinator) - Landbird sample design • Billy Schweiger (ROMN QSE) - Spatially balanced design for aquatic sampling • Andy Hubbard (SODN Coordinator) - Incorporating existing plots in a spatially balanced design • John-Paul Schmit (NCRN QSE) - Sampling forest connectivity • Tom Rodhouse (UCBN QSE) - SRS with temporary quadrats to monitor the camas lily 5. SQL and ArcIMS Software Applications – Peter Budde Governors V Room
5:00 pm	I&M Meeting ends; Mississippi Riverboat trip begins boarding at 5:30 (20-minute walk from hotel across river bridge)
5:30 – 9:00	Riverboat trip on the Mississippi River on Anson Northrup Paddlewheel; Boarding begins at 5:30; dock is a 15-min walk across river bridge from hotel; need to sign up with Bill Route (bill_route@nps.gov)
Thursday, April 19, 2007	
8:00 – 9:30	GWS Plenary – Minnesota East Ballroom
10:00 – 12:05 Great River I/IV	<p>Innovative Tools for Collecting, Managing, and Delivering I&M Data (Chairs: Margaret Beer and Peter Budde)</p> <p>Rugged Tablet Computers in the Wilds of Alaska: Bringing Data Quality Control to the Field – Doug Wilder</p> <p>A Database Template for Managing Natural Resource Inventory and Monitoring Data – Margaret Beer</p> <p>The NPS Metadata Tools and Editor – Chris Dietrich</p> <p>The NPS Data Store: “Open” for Data Discovery and Delivery – Peter Budde</p> <p>Development of an Internet Mapping Service to Visualize and Distribute Environmental Monitoring Data – Bill Thorp</p>
1:00 – 3:05 Great River I/IV	<p>Natural Resource Assessments – Approaches for Evaluating Resource Condition (Chair William Knight)</p> <p>Presentations: Stephen Woodley (Parks Canada), Donald McLennan, Steve Fancy, Jeff Albright, William Knight (NPCA)</p>
3:30 – 5:35 Great River I/IV	<p>Landscape Dynamics: Monitoring Approaches and Tools for Protected Area Managers (Workshop chaired by Donald McLennan and John Gross)</p>